| Electronic Acknowledgement Receipt   |  |  |  |  |
|--------------------------------------|--|--|--|--|
| EFS ID:                              | 6245047  |  |  |  |
| Application Number:                  | 10786444   |  |  |  |
| International Application Number:    |  |  |  |  |
| Confirmation Number:                 | 4902   |  |  |  |
| Title of Invention:                  | Sheath apparatus and methods for delivering a closure device |  |  |  |
| First Named Inventor/Applicant Name: | Anthony Pantages   |  |  |  |
| Customer Number:                     | 57360  |  |  |  |
| Filer:                               | Paul N. Taylor   |  |  |  |
| Filer Authorized By:                 |  |  |  |  |
| Attorney Docket Number:              | 16497.4.1  |  |  |  |
| Receipt Date:                        | 12-OCT-2009  |  |  |  |
| Filing Date:                         | 24-FEB-2004  |  |  |  |
| Time Stamp:                          | 19:31:15   |  |  |  |
| Application Type:                    | Utility under 35 USC 111(a)                                  |  |  |  |

# **Payment information:**

| Submitted with Payment                   | yes            |
|--|----------------|
| Payment Type                             | Credit Card    |
| Payment was successfully received in RAM | \$180          |
| RAM confirmation Number                  | 12224          |
| Deposit Account                          | 233178         |
| Authorized User                          | TAYLOR,PAUL N. |

 $The \ Director \ of the \ USPTO \ is \ hereby \ authorized \ to \ charge \ indicated \ fees \ and \ credit \ any \ overpayment \ as \ follows:$ 

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

## File Listing:

| Document<br>Number | Document Description                   | File Name                    | File Size(Bytes)/<br>Message Digest          | Multi<br>Part /.zip | Pages<br>(if appl.) |
|--------------------|--|------------------------------|--|---------------------|---------------------|
| 1                  | 1 Transmittal Letter                   | 16497-4-1_20091012_IDSLetter | 59986  | no                  | 2                   |
| .                  | Transmittal Ecited                     | .pdf                         | 21e83fc49126f8583c11ec7cf4a8d4647bf9b<br>899 | 110                 | 2                   |
| Warnings:          |  |                              |  |                     |                     |
| Information:       |  |                              |  |                     |                     |
| 2                  | Information Disclosure Statement (IDS) | 16497-4-1_20091012_SupplDS.  | 205996                                       | no                  | 6                   |
|                    | Filed (SB/08)                          | pdf                          | 7d040b72bc751013c5fca96359dc20d9177<br>dd06f |                     |                     |
| Warnings:          |  |                              |  |                     |                     |
| Information:       |  |                              |  |                     |                     |
| This is not an US  | SPTO supplied IDS fillable form        |                              |  |                     |                     |
| 3                  | Foreign Reference                      | DE19859952.pdf               | 403743                                       | no                  | 9                   |
|                    |  |                              | e8d06010be2ff4d1d8716151e67b46ec544<br>42ac6 |                     |                     |
| Warnings:          |  |                              |  |                     |                     |
| Information:       |  |                              |  |                     |                     |
| 4                  | Foreign Reference                      | JP58181006.pdf               | 210632                                       | no                  | 12                  |
|                    | -                                      | ·                            | 3e58982546dfb70baced991272587b34c0a<br>c4870 |                     |                     |
| Warnings:          |  |                              |  |                     |                     |
| Information:       |  |                              |  |                     |                     |
| 5                  | Foreign Reference                      | WO-0228286.pdf               | 1862954                                      | no                  | 42                  |
|                    |  |                              | cb823c7e7d0253af69cfda074e6e242b33a1<br>d9c7 |                     |                     |
| Warnings:          |  |                              |  |                     |                     |
| Information:       |  |                              |  |                     |                     |
| 6                  | Foreign Reference                      | WO-0238055.pdf               | 1924118                                      | no                  | 42                  |
|                    | -                                      | ,                            | c261b732349a4de7c104d4682004f93f0d6c<br>8da3 |                     |                     |
| Warnings:          |  |                              |  |                     |                     |
| Information:       |  |                              |  |                     |                     |
| 7                  | Foreign Reference                      | WO-9727897.pdf               | 2726625                                      | no                  | 81                  |
|                    |  | •                            | cd2153229cd65deedd649276f1d3fc972c9<br>5b6c3 |                     |                     |
| Warnings:          |  |                              |  |                     |                     |
| Information:       |  |                              |  |                     |                     |

| 8            | Foreign Reference | WO-9806346.pdf  | 1273769                                      | no  | 31 |
|--------------|-------------------|---|--|-----|----|
| Ŭ            | Torcigniterence   | We 30003 10.pdi   | 054d9f63cb16e972f849d45f7701cdbc7242<br>034d |     |    |
| Warnings:    |                   |   |  |     |    |
| Information: |                   |   |  |     |    |
| 9            | Foreign Reference | WO-99060941.pdf   | 2481223                                      | no  | 65 |
|              |                   |   | a06b7f6360bd54a9c0ef25cf800414691241<br>909e |     |    |
| Warnings:    |                   |   |  |     |    |
| Information: |                   | +   |  |     | r  |
| 10           | Foreign Reference | ZA200100528A.pdf  | 871109                                       | no  | 27 |
|              | J                 | '   | 94b0c885ad05c20a7068c2db809dc4ae734<br>91a08 |     |    |
| Warnings:    |                   |   |  |     |    |
| Information: |                   |   |  |     |    |
| 11           | NPL Documents     | MCCARTHY_Tension-Suture-                                | 155573                                       | no  | 2  |
|              | THE BOCKMENTS     | Bridge.pdf 0168a4366f54d8b015b7183466c                  | 0168a4366f54d8b015b7183466cb7b4fbbe<br>6f35c | 110 |    |
| Warnings:    |                   |   |  |     |    |
| Information: |                   |   |  |     |    |
| 12           | NPL Documents     | 09680837_20020709_OA.pdf                                | 167900                                       | no  | 5  |
| "2           | THE BOCKMENTS     | 03000037_20020703_0/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 9bcfaf4d9c5b6786cf9a5e95eaa5bd6a174f5<br>0c6 | 110 |    |
| Warnings:    |                   |   |  |     |    |
| Information: |                   |   |  |     |    |
| 13           | NPL Documents     | 0000007 20001100 04 mJf                                 | 226665                                       | no  | 6  |
| 15           | NI L DOCUMENTS    | 09680837_20021106_OA.pdf                                | 4c6129a791f30c2181b786b71d8d781f80e<br>b870f | 110 |    |
| Warnings:    |                   | ·   | ·  |     | •  |
| Information: |                   |   |  |     |    |
| 14           | NPL Documents     | 09680837_20030325_OA.pdf                                | 180090                                       | no  | 5  |
| 14           | NI E Bocaments    | 03000037_20030323_0A.pdi                                | 99289c5c362d476f45f11292623a31a4c7e7<br>d0d2 | 110 |    |
| Warnings:    |                   |   | •  |     |    |
| Information: |                   |   |  |     |    |
| 15           | NPL Documents     | 09680837_20030616_NOA.pdf                               | 323876                                       | no  | 7  |
| 15           | NI L DOCUMENTS    | 09000037_20030010_NOA.pu1                               | 90271fc7f2f1d71ec3547aabb0763c498b1b<br>9c11 | 110 | ,  |
| Warnings:    |                   |   |  |     |    |
| Information: |                   |   |  |     |    |
| 16           | AIDLD             | 09680837_20030911_IN.pdf                                | 50123  | no  | 1  |
| , ,          | NPL Documents     | 03000037_20030911_INI.pul                               | 32c7fa7412c2624ef46f616d1c15ea185936<br>cc42 | 110 | 1  |
| Warnings:    |                   | ·   | -  |     | -  |
| Information: |                   |   |  |     |    |

| 17              | NPL Documents | 10006400_20090709_NOA.pdf  | 360923                                       | no  | 8  |
|-----------------|---------------|----------------------------|--|-----|----|
|                 |               |                            | 2e43ba20f21b17e1d9891344cbc3ede600e<br>409b7 |     | -  |
| Warnings:       |               |                            |  |     |    |
| Information:    |               |                            |  |     |    |
| 18              | NPL Documents | 10147774_20090318_OA.pdf   | 258615                                       | no  | 8  |
|                 |               | 1011/7/1_20030010_01/4     | 5b0d7fb0516880c3772de728522d367b9e6<br>43cac |     |    |
| Warnings:       |               |                            |  |     |    |
| Information:    |               |                            |  |     |    |
| 19              | NPL Documents | 10264306_20090813_OA.pdf   | 303732                                       | no  | 9  |
|                 |               |                            | 6f8ce433616599a98165ce0dcf81365921e3<br>c176 |     | _  |
| Warnings:       |               |                            |  |     |    |
| Information:    |               |                            |  |     |    |
| 20              | NPL Documents | 10356214_20090429_OA.pdf   | 427803                                       | no  | 12 |
|                 | N E Bocamento | 10330214_20030423_07i.pdi  | 2fd54c44d2d02a01736376a4c091c133343<br>d261f | 110 | 12 |
| Warnings:       |               |                            |  |     |    |
| Information:    |               |                            |  |     |    |
| 21              | NPL Documents | 10517004_20090626_NOA3.    | 315698                                       | no  | 6  |
| 21              | N E Documents | pdf                        | 466ba7047cb8e5d7d5fed6a4f623b752200<br>50f34 | 110 |    |
| Warnings:       |               |                            |  |     |    |
| Information:    |               |                            |  |     |    |
| 22              | NPL Documents | 10541083_20090416_NOA.pdf  | 342280                                       | no  | 7  |
| 22              | N E Documents | 10341003_20090410_100A.pdf | 734f8e6a9cd41f9e0087c7f005c7f46f11455<br>ea7 | 110 | ,  |
| Warnings:       |               |                            |  |     |    |
| Information:    |               |                            |  |     |    |
| 23              | NPL Documents | 10616832_20090721_OA.pdf   | 268763                                       | no  | 8  |
| 23              | N E Documents | 10010032_20030721_OA.pdi   | 0ba06e89d4942ef858232bd6a10ed3281d0<br>a3e48 | 110 | Ü  |
| Warnings:       |               |                            |  |     |    |
| Information:    |               |                            |  |     |    |
| 24              | NPL Documents | 10638115_20090507_NOA.pdf  | 616893                                       | no  | 14 |
| 27              | N E Documents | 10030113_20090307_140A.pdf | b75583b59b15d56045a6373acfdaad2b52e<br>ab192 |     | 17 |
| Warnings:       |               |                            |  |     |    |
| Information:    |               |                            |  |     |    |
|                 |               | 10007144 20000224 24 15    | 279136                                       |     |    |
| 25              | NPL Documents | 10667144 20090224 04 5-45  |  | no  | o  |
| 25              | NPL Documents | 10667144_20090324_OA.pdf   | e0a22d7972b3902f40022af63ee0189a09cb<br>cade | no  | 9  |
| 25<br>Warnings: | NPL Documents | 10667144_20090324_OA.pdf   | e0a22d7972b3902f40022af63ee0189a09cb         | no  | 9  |

| 26           | NPL Documents                    | 10669313_20051031_OA.pdf  | 208609<br>96f6d6e5753530c22ff4eaffce403ee0059ed<br>f7f | no  | 6  |
|--------------|----------------------------------|---------------------------|--|-----|----|
| Warnings:    |                                  | I                         |  |     |    |
| Information: |                                  |                           |  |     |    |
|              |                                  |                           | 308302   | no  |    |
| 27           | NPL Documents                    | 10669313_20060111_NOA.pdf | 7827fe60af6b8cd60e359880ca087471a852<br>1959           |     | 6  |
| Warnings:    |                                  | '                         | 1  | ·   | l  |
| Information: |                                  |                           |  |     |    |
| 28           | NPL Documents                    | 10669313_20060628_NOA.pdf | 246456   | no  | 4  |
| 26           | NPL Documents                    | 10009313_20000028_NOA.pu1 | 181afc16a45033d22b3e647567caa1c461a0<br>da0a           | no  | 4  |
| Warnings:    |                                  | '                         |  | '   |    |
| Information: |                                  |                           |  |     |    |
| 20           | ND D                             | 10550000 20051115 NJ 15   | 38379  |     |    |
| 29           | NPL Documents                    | 10669313_20061115_IN.pdf  | 48f1733786281486a30746b88cc16d74b3d<br>ea106           | no  | 1  |
| Warnings:    |                                  |                           |  |     |    |
| Information: |                                  |                           |  |     |    |
| 20           | 0 NPL Documents 10682459_2009061 | 10002450 20000010 04 - 46 | 406753   | no  | 12 |
| 30           |                                  | 10682459_20090610_OA.pdf  | 7994a0117b2f082fcf7a4ecca07848697412f<br>9da           |     | 12 |
| Warnings:    |                                  | '                         | 1  |     |    |
| Information: |                                  |                           |  |     |    |
| 24           | NDI D                            | 10707073 20000013 04 16   | 196117   | no  |    |
| 31           | NPL Documents                    | 10787073_20090813_OA.pdf  | 6e6ad002cc58bab631f7d40a8b83e918a0d<br>08d85           |     | 6  |
| Warnings:    |                                  | '                         | 1  |     |    |
| Information: |                                  |                           |  |     |    |
| 22           | NDI D                            | 10000721 20000622 04 16   | 442348   |     | 12 |
| 32           | NPL Documents                    | 10908721_20090623_OA.pdf  | ebd689d6ee76b6dd5a48b293c882c30f7de<br>6d72c           | no  | 13 |
| Warnings:    |                                  | '                         | 1  |     |    |
| Information: |                                  |                           |  |     |    |
|              |                                  |                           | 190529   | no  | _  |
| 33           | NPL Documents                    | 11048503_20090313_OA.pdf  | d3a6077d748fa15f9f3e7e852646aad53805<br>d5d8           |     | 6  |
| Warnings:    |                                  |                           |  |     |    |
| Information: |                                  |                           |  |     |    |
| 34           | NPL Documents                    | 11048503_20090626_OA.pdf  | 333112   | no  | 10 |
|              | N E Documents                    | 11040303_20030020_OA.pdi  | 480236450321438bdd2415c5ccb4852a963<br>f5d2c           | 110 |    |
| Warnings:    |                                  |                           | ,  |     |    |
|              |                                  |                           |  |     |    |

| 35           | NPL Documents  | 11113549_20090721_OA.pdf | 236935                                       | no  | 7   |
|--------------|----------------|--------------------------|--|-----|-----|
| 33           | Ni E Bocaments | 11113349_20090721_OA.pdf | 4bfb2c67cd43c7cc471ba572eabbdb9c5bd<br>2f5f5 | 110 | ,   |
| Warnings:    |                |                          |  |     |     |
| Information: |                |                          |  |     |     |
| 36           | NPL Documents  | 11152562_20090706_OA.pdf | 179603                                       | no  | 6   |
|              | The Bossiments | 11102502_20070700_011100 | ffb0c9d4268d1df827ae71ae4ec712dc509c<br>0618 |     |     |
| Warnings:    |                |                          |  |     |     |
| Information: |                |                          |  |     |     |
| 37           | NPL Documents  | 11198811_20090922_OA.pdf | 294004                                       | no  | 9   |
| 3,           | THE Bocaments  | 11130011_20030322_07pu   | 2cfa7b4f9fbc5d847ecb275716e515629e13<br>c885 | 110 |     |
| Warnings:    |                |                          |  |     |     |
| Information: |                |                          |  |     |     |
| 38           | NPL Documents  | 11344868_20090325_OA.pdf | 292168                                       | no  | 10  |
| 50           | NI L Documents | 11344000_20090323_OA.pdi | 510ea502b310d80c056909224accc5c34c4<br>2a025 | 110 |     |
| Warnings:    |                | ·                        |  |     | •   |
| Information: |                |                          |  |     |     |
| 39           | NPL Documents  | 11206141 20000522 OA ndf | 188364                                       | no  | 6   |
| 29           | NET Documents  | 11396141_20090522_OA.pdf | 5d15247ca5e2ef4c9ffe6f1e737e88cd1ace0<br>573 | no  |     |
| Warnings:    |                | '                        |  |     |     |
| Information: |                |                          |  |     |     |
| 40           | NDI D          | 44305444 2222225 04 15   | 493258                                       |     | 1.4 |
| 40           | NPL Documents  | 11396141_20090826_OA.pdf | 4ff665abe3c777c7fa15695c9aedc870036fc<br>a67 | no  | 14  |
| Warnings:    |                |                          |  |     | l   |
| Information: |                |                          |  |     |     |
| 44           | ND D           | 44206724 20000722 04 16  | 285474                                       |     |     |
| 41           | NPL Documents  | 11396731_20090522_OA.pdf | 2a9b8c06bb44228f9fffc4079d5f5038126ee<br>3a0 | no  | 9   |
| Warnings:    |                | - 1                      | 1  |     |     |
| Information: |                |                          |  |     |     |
|              | ND D           | 44466000 00000000 04 16  | 223779                                       |     | _   |
| 42           | NPL Documents  | 11406203_20090303_OA.pdf | 56832489dbdd991ac64e9c45acf0c4d9db4<br>b1b1c | no  | 7   |
| Warnings:    |                |                          |  |     |     |
| Information: |                |                          |  |     |     |
| 43           | NPL Documents  | 11406203_20090916_OA.pdf | 223626                                       | no  | 7   |
| 73           | M E DOCUMENTS  | 11400203_20090910_OA.pul | aae247949c56f0a71e8bfeabe85906442001<br>271f |     | '   |
| Warnings:    |                | •                        | •  |     | •   |
| Information: |                |                          |  |     |     |

| 44           | NPL Documents  | 11411925_20090910_OA.pdf   | 350966                                       | no  | 10       |
|--------------|----------------|----------------------------|--|-----|----------|
|              |                |                            | c99029bcf0d083907a04d370e75d3135992<br>94a58 |     |          |
| Warnings:    |                |                            |  |     |          |
| Information: |                |                            |  |     |          |
| 45           | NPL Documents  | 11427297_20090915_OA.pdf   | 565477                                       | no  | 16       |
|              |                |                            | 2b4e430d1de0f6bc5193e1f6d11bc8f5517<br>b7d68 |     |          |
| Warnings:    |                |                            |  |     |          |
| Information: |                |                            |  |     |          |
| 46           | NPL Documents  | 11461323_20090727_OA.pdf   | 317016                                       | no  | 10       |
|              |                |                            | 5cf8d17877a75627ad895b271372974b294<br>9d76c |     |          |
| Warnings:    |                | ·                          |  |     |          |
| Information: |                |                            |  |     |          |
| 47           | NPL Documents  | 11532325_20090223_OA.pdf   | 188040                                       | no  | 6        |
|              | Ni E Docaments | 11552525_20090225_OA.pdf   | 6f3e0f602b9b3b0b88b42a56623dc393607<br>77480 | 110 |          |
| Warnings:    |                |                            |  |     |          |
| Information: |                |                            |  |     |          |
| 48           | NPL Documents  | 11532325_20090617_OA.pdf   | 238860                                       | no  | 8        |
|              |                |                            | 2cab6b9fbc536adaf88826fe60905ab2f43a<br>bcd9 |     |          |
| Warnings:    |                |                            |  |     |          |
| Information: |                |                            |  |     |          |
| 49           | NPL Documents  | s 11744089_20090814_OA.pdf | 336759                                       | no  | 10       |
|              | THE BOCKING    |                            | d4bf6ac8c78c6c67f66307ee37efe97c1c3ce<br>d83 |     | 10       |
| Warnings:    |                | - 1                        | ı  |     |          |
| Information: |                |                            |  |     |          |
| 50           | NPL Documents  | 11958295_20090827_OA.pdf   | 600698                                       |     | 17       |
| 30           | NEL DOCUMENTS  | 11938293_20090827_OA.pui   | be764278cb318872ffa0741e63e228a7a230<br>ad8e | no  | 17       |
| Warnings:    |                | l                          |  |     | <u>I</u> |
| Information: |                |                            |  |     |          |
|              | NDI D          | 12100027 2000222           | 293307                                       |     |          |
| 51           | NPL Documents  | 12106937_20090330_oa.pdf   | c62df3ad878ee16a2e8d2eb6de384f4509b<br>8fb31 | no  | 9        |
| Warnings:    |                | 1                          |  |     |          |
| Information: |                |                            |  |     |          |
|              | NDI Daarraa    | 20206270 20000401 NOA = 45 | 289257                                       |     |          |
| 52           | NPL Documents  | 29296370 20090401 NOA ndf  |  | no  | 6        |
| 52           | NPL Documents  | 29296370_20090401_NOA.pdf  |  | no  | 6        |
| 52 Warnings: | NPL Documents  | 29296370_20090401_NOA.pdf  | 3b63eddc77505503bda17f5a17d8dea1dc8          | no  | 6        |

| 53 Fee Worksheet (PTO-875) | fee-info.pdf                          | 29693  | no | 2 |  |
|----------------------------|---------------------------------------|--|----|---|--|
| ree worksneet (F10-6/3)    | ·                                     | 72d03cfab44e6b23853d3831ee163db3b0f<br>94475 |    | _ |  |
| Warnings:                  |                                       |  |    |   |  |
| Information:               |                                       |  |    |   |  |
|                            | Total Files Size (in bytes): 24296114 |  |    |   |  |

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.